

Salt Windows Bootstap

Hugget fra <http://csa-net.dk/salt/>

Get your (64 bit) windows servers salted in a single command:

```
winexe -U "administrator" //fqdn "PowerShell (New-Object System.Net.WebClient).DownloadFile('http://csa-net.dk/salt/bootstrap64.bat','C:\bootstrap.bat');(New-Object -com Shell.Application).ShellExecute('C:\bootstrap.bat');"
```

That's it - all in one line. Now just wait a few minutes and accept the minion on you salt master and start managing your windows based servers with Salt.

bootstrap64.bat.txt

```
REM Salt bootstrap4win (64 bit)

set shome=c:\salt
set logfile=%shome%\log\bootstrap.log

set dist_url=http://csa-net.dk/salt/dist/win-amd64
set python=python-2.7.3.amd64.msi
set vcredist=vcredist_x64.exe
set openssl=Win64OpenSSL_Light-1_0_0e.exe
set pyzmq=pyzmq-2.1.10.win-amd64-py2.7.msi
set m2crypto=M2Crypto-0.21.1.win-amd64-py2.7.exe
set pycrypto=pycrypto-2.3.win-amd64-py2.7.exe
set pyyaml=PyYAML-3.10.win-amd64-py2.7.msi
set pywin32=pywin32-216.win-amd64-py2.7.exe
set cython=Cython-0.15.1.win-amd64-py2.7.exe
set msgpack=msgpack-python-0.1.12.win-amd64-py2.7.exe
set distsetup=distribute_setup.py
set salt=salt-0.11.0
set unzip=unzip.py
set nssm=nssm.exe

md %shome%\log
call:log Bootstrap initializing
call:logexec md %shome%\download
call:logexec md %shome%\sys
call:logexec cmd.exe /c PowerShell (New-Object System.Net.WebClient).DownloadFile('%dist_url%/%python%', '%shome%\download%\python%');
call:logexec cmd.exe /c PowerShell (New-Object System.Net.WebClient).DownloadFile('%dist_url%/%vcredist%', '%shome%\download%\vcredist%');
call:logexec cmd.exe /c PowerShell (New-Object System.Net.WebClient).DownloadFile('%dist_url%/%openssl%', '%shome%\download%\openssl%');
call:logexec cmd.exe /c PowerShell (New-Object System.Net.WebClient).DownloadFile('%dist_url%/%pyzmq%', '%shome%\download%\pyzmq%');
call:logexec cmd.exe /c PowerShell (New-Object System.Net.WebClient).DownloadFile('%dist_url%/%m2crypto%', '%shome%\download%\m2crypto%');
call:logexec cmd.exe /c PowerShell (New-Object System.Net.WebClient).DownloadFile('%dist_url%/%pycrypto%', '%shome%\download%\pycrypto%');
call:logexec cmd.exe /c PowerShell (New-Object System.Net.WebClient).DownloadFile('%dist_url%/%pyyaml%', '%shome%\download%\pyyaml%');
call:logexec cmd.exe /c PowerShell (New-Object System.Net.WebClient).DownloadFile('%dist_url%/%pywin32%', '%shome%\download%\pywin32%');
call:logexec cmd.exe /c PowerShell (New-Object System.Net.WebClient).DownloadFile('%dist_url%/%cython%', '%shome%\download%\cython%');
call:logexec cmd.exe /c PowerShell (New-Object System.Net.WebClient).DownloadFile('%dist_url%/%msgpack%', '%shome%\download%\msgpack%');
call:logexec cmd.exe /c PowerShell (New-Object System.Net.WebClient).DownloadFile('%dist_url%/%distsetup%', '%shome%\download%\distsetup%');
call:logexec cmd.exe /c PowerShell (New-Object System.Net.WebClient).DownloadFile('%dist_url%/%salt%.zip', '%shome%\download%\salt%.zip');
call:logexec cmd.exe /c PowerShell (New-Object System.Net.WebClient).DownloadFile('%dist_url%/%unzip%', '%shome%\download%\unzip%');
call:logexec cmd.exe /c PowerShell (New-Object System.Net.WebClient).DownloadFile('%dist_url%/%nssm%', '%shome%\download%\nssm%');
```

```

\sys\%nssm%');
call:logexec msixexec /i %shome%\download\%python% /quiet /norestart /log %shome%\log\python_install.log
TARGETDIR=%shome%\python27 ALLUSERS=0
call:log Setting PATH=%PATH%;%shome%\python27;%shome%\python27\scripts
set PATH=%PATH%;%shome%\python27;%shome%\python27\scripts
call:logexec cmd.exe /c %shome%\download\%vcredist% /q
call:logexec cmd.exe /c %shome%\download\%openssl% /silent /verysilent /sp- /suppressmsgboxes
call:logexec msixexec /i %shome%\download\%pyzmq% /quiet /norestart /log %shome%\log\pyzmq_install.log ALLUSERS=0
call:logexec msixexec /i %shome%\download\%pyyaml% /quiet /norestart /log %shome%\log\pyyaml_install.log
ALLUSERS=0
call:logexec cmd.exe /c python %shome%\download\%distsetup%
call:logexec cmd.exe /c %shome%\python27\scripts\easy_install jinja2
call:logexec cmd.exe /c %shome%\python27\scripts\easy_install m2crypto
call:logexec cmd.exe /c %shome%\python27\scripts\easy_install %shome%\download\%pycrypto%
call:logexec cmd.exe /c %shome%\python27\scripts\easy_install %shome%\download\%pywin32%
call:logexec cmd.exe /c %shome%\python27\scripts\easy_install %shome%\download\%cython%
call:logexec cmd.exe /c %shome%\python27\scripts\easy_install %shome%\download\%msgpack%
call:logexec cmd.exe /c python %shome%\download\%unzip% %shome%\download\%salt%.zip -d %shome%
call:log Changing directory to %shome%\%salt%
cd %shome%\%salt%
call:logexec cmd.exe /c python setup.py install
call:logexec cmd.exe /c md %shome%\conf\pki
call:logexec cmd.exe /c PowerShell (New-Object System.Net.WebClient).DownloadFile('%dist_url%/minion.conf','%shome%\conf\minion');
call:logexec cmd.exe /c %shome%\sys\%nssm% install salt-minion %shome%\python27\python %shome%\python27\scripts\salt-minion -c %shome%\conf
call:logexec cmd.exe /c net start salt-minion

goto :EOF

:logexec
SET _pcmd=%*
echo %date% %time% - Executing: %_pcmd% >> %logfile%
%_pcmd% >> %logfile% 2>&1
echo %date% %time% - ReturnCode: %ErrorLevel% >> %logfile%
goto :EOF

:log
echo %date% %time% - Status: %* >> %logfile%
goto: EOF

:EOF

```